

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Shigeho INATSUNE

SERIAL NO: New U.S. PCT Application Based on PCT/JP03/10702

GAU:

FILED: Herewith

EXAMINER:

FOR: WAVEFORM GENERATION METHOD, WAVEFORM GENERATION PROGRAM, WAVEFORM GENERATION CIRCUIT AND RADAR APPARATUS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. In accordance with discussions on August 4, 2004 with Mr. Nicholas P. Godici, Commissioner for Patents, it is no longer required to submit copies of cited pending applications. A modification of the Rules will be published soon in the Official Gazette. Cited issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Marvin J. Spivak

Registration No. 24,913

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Surinder Sachar

Registration No. 34,423

New U.S. PCT Application Based on PCT/JP03/10702 ^{DT09} Rec'd PCT/PTO 09 SEP 2004
Docket No.: 257416US2PCT

STATEMENT OF RELEVANCY

1) References AO-AQ have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.

2) References _____ have been cited in the corresponding _____ Search Report. A copy of these references is being submitted herewith.

3) References AR & AW-AX are discussed in the specification. A copy of these references is being submitted here with.

JP 2002-156447: This publication discloses a control method corresponding to characteristics of an oscillator in [0028]- [0032], wherein an output timing of a D/A converter is constant on time increases ΔT . Therefore, it is different from the present invention.

Iwao Sagara, "Introduction to AD/DA Conversion Circuit", The Third Chapter "Basis of D/A Conversion" on P. 68 to P.75, P. 80 to P. 81.:

This publication discloses a D/A converter used for waveform generation, a conventional use and characteristics of filters and errors of D/A conversion.

S. A. Hovanessian, "Radar System Design & Analysis", Artech House, INC., P. 78 to P. 81:

This publication discloses a concept and principle of operation of FM-CW radar, a relational expression between a frequency of a receiver signal and a distance and a speed of a receiver signal.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

257416US2PCT

SERIAL NO.

New U.S. PCT Application
Based on PCT/JP03/10702

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Shigeho INATSUNE

10/506991

FILING DATE

Herewith

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	134723/1990	11/08/90	JP		NO
	AP	61-144930	07/02/86	JP		NO
	AQ	11-168325	06/22/99	JP		NO
	AR	2002-156447	05/31/02	JP(with English abstract)		NO
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Iwao Sagara, "Introduction to AD/DA Conversion Circuit", The Third Chapter "Basis of D/A Conversion" on P. 68 to P.75, P. 80 to P. 81.
	AX	S. A. Hovanesian, "Radar System Design & Analysis", Artech House, INC., P. 78 to P. 81
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.